example of real-to-virtual interaction may be a user's facial expression being detected and then reflected as an avatar for an online game platform. Specifically, when the user is detected to be smiling by the sensor module, the in-game avatar may be smiling in the same/similar way. Similarly, caricatures or other representations that represent an individual virtually may be manipulated based on detection by the sensor module.

[0046] For example, although the disclosure appears to suggest that the correspondence between the controller and the responding device is 1-to-1, the invention is not limited thereto. Specifically, embodiments of the invention may be directed to a virtual reality control system and/or an emulated target device controller that is capable of controlling a plurality of responding devices. The plurality of responding devices may or may not be of the same type (i.e. the plurality of responding devices include five air conditionings or two air conditionings and a television remote controller.). Similarly, the responding device may be controller by a plurality of virtual reality control systems.

[0047] Advantageously, one or more embodiments of the invention enable individuals to operative machineries remotely, without being in proximity of dangerous environments. Embodiments of the invention have various applications and may be applied to industries including, for example, resource exploitation, space exploration, waste management, military, entertainment, etc.

[0048] For the purposes of this application, "reality" is defined as the natural unaltered state seen by an individual. For the purposes of this application, "virtual" is defined as anything that does not fall within the definition of "reality". Thus, for example, "augmented reality," which is typically defined as a live direct or indirect view of a physical, real-world environment whose elements are augmented by computer-generated sensory input, falls within the definition of "virtual." However, it should be noted that, if the "augmented reality" is displayed on a hardware component, the hardware component itself falls within the definition of "reality."

[0049] Furthermore, one of ordinary skill in the art would appreciate that certain "components," "modules," "units," "parts," "elements," or "portions" of the one or more embodiments of the invention may be implemented by a circuit, processor, etc., using any known methods. Accordingly, the scope of the disclosure should be limited only by the attached claims.

What is claimed is:

1. A method, comprising:
- receiving, by a processor of a virtual reality controller system, a source file of a target hardware device;
- creating, by the processor, a virtual machine that emulates the target hardware device using the source file; and
- displaying a virtual target device controller using a display of the virtual reality controller system,
- wherein the virtual target device controller is configured to interact with a corresponding responding device.

2. The method according to claim **1**, further comprising detecting that the virtual target device controller is in a range of the responding device.

3. The method according to claim **1**, wherein the receiving comprises imaging the target hardware device and identifying the source file using brand information obtained from the imaging.

4. The method according to claim **2**, further comprising:
- receiving, by the virtual target device controller, an instruction from the user to control the responding device;
- determining that the instruction is compatible with the virtual target device and the responding device; and
- causing the responding device to execute the instruction.

5. The method according to claim **2**, further comprising, before the receiving and after the detecting, authenticating and establishing a communication between the virtual reality controller system and the responding device.

6. The method according to claim **5**, wherein the authenticating includes at least one selected from a group consisting of: retinal scanning and iris scanning.

7. The method according to claim **2**, wherein the responding device is one selected from the group consisting of: a vehicle, a personal computer, a laptop, a smartphone, and a tablet.

8. The method according to claim **1**, wherein the virtual target device controller is one selected from a group consisting of: a vehicle driving interface, a personal computer, a laptop, a smartphone, and a tablet.

9. The method according to claim **1**, wherein the receiving comprises:
- imaging the target hardware device,
- determining that an imaged target hardware device corresponds to a stored hardware device, and
- providing a source file of the stored hardware device as the source file of the target hardware device.

10. The method according to claim **9**, wherein the obtaining comprises crawling internet.

11. A method for using a virtual target device controller to control a responding device, comprising:
- receiving, by the virtual target device controller, an instruction from a user to control the responding device;
- determining that the instruction is compatible with the virtual target device and the responding device; and
- causing the responding device to execute a command that corresponds to the instruction.

12. The method according to claim **11**, wherein the determining provides a suggested instruction that is compatible with the virtual target device and the responding device if the determining does not determine that the instruction is compatible with both the virtual target device and the responding device.

13. The method according to claim **11**, wherein the receiving comprises detecting at least one selected from a group consisting of: a gesture, an auditory input, a vibration, and a movement as the instruction from the user.

14. The method according to claim **11**, wherein the determining comprises determining whether the instruction corresponds to a stored instruction.

15. A non-transitory computer readable medium comprising computer readable program code, which when executed by a computer processor, enables the computer processor to:
- receive a source file of a target hardware device;
- create a virtual machine that emulates the target hardware device using the source file; and
- display a virtual target device controller on a display,
- wherein the virtual target device controller is configured to interact with a corresponding responding device.

16. The non-transitory computer readable medium according to claim **15**, further enables the computer processor to: